GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1399
ANSWERED ON:22.08.2007
NUCLEAR POWER PLANTS
Pradhan Shri Prasanta

Will the Minister of ATOMIC ENERGY be pleased to state:

[a] The details of the Nuclear Power Plants set up and functioning in the country; Statewise; and

[b] The details of Nuclear Power Plants proposed to be installed in the country, State-wise?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) The details of the nuclear power plants in operation state wise are:

Unit	Reactor Type	Capacity (MWe)	Commercial Operation
I Maharashtra			
1 Tarapur Atomic Power Station (TAPS)-1&2	BWR	2 X 160	28.10.1969
2 TAPS-3	PHWR	540	18.08.2006
TAPS-4	PHWR	540	12.09.2005
II Gujarat			
1 Kakrapar Atomic Power Station (KAPS)-1	PHWR	220	06.05.1993
2 KAPS-2	PHWR	220	01.09.1995
III Rajashtan			
1 Rajastan Atomic Power Station (RAPS)-1	PHWR	100	16.12.1973
2 RAPS-2	PHWR	200	01.04.1981
3 RAPS-3	PHWR	220	01.06.2000
4 RAPS-4	PHWR	220	23.12.2000
IV Uttar Pradesh			
1 Narora Atomic Power Station (NAPS)-1	PHWR	220	01.01.1991
2 NAPS-2	PHWR	220	01.07.1992
V Karnataka			
1 Kaiga Atomic Power Project (KAPP)-1	PHWR	220	16.11.2000
2 KAPP-2	PHWR	220	16.03.2000
3 KAPP-3	PHWR	220	06.05.2007
VI Tamil Nadu			
1 Madras Atomic Power Station (MAPS)-1	PHWR	220	27.01.1984
2 MAPS-2	PHWR	220	21.05.1986

(b) The details of the nuclear power reactors presently under construction (State wise) and their expected completion are as follows:-

Reactors / Location	Capacity (MWe)	Expected Commercial Operation
KARNATAKA		
Kaiga Atomic Power Project Unit 4	1 x 220	Unit-4 2008
RAJASHTAN		
Rajasthan Atomic Power Project Units -5 & 6	2 x 220	Unit-5 2007 Unit-6 2008
TAMIL NADU		
Kudankulam Nuclear Power Project Units-1 & 2	2 x 1000	Unit-1 2008 Unit-2 2009
Prototype Fast Breeder Reactor (PFBR)	1 x 500	2011

Work on eight indigenous PHWRs with a total capacity of 5600 MWe and ten Light Water Reactors with a total capacity of 10,000 MWe based on imports has been proposed in the XI Plan. Government has accorded 'in principle' approval for sites for setting up 2 x 700 MWe each at Kakrapar in Gujarat and Rawatbhata in Rajashtan and 2 x 1000 MWe LWRs each at Kudankulam in Tamil Nadu and Jaitapur in Maharashtra.